Approved For Release 2009/09/16 : CIA-RDP78B04558A001800070047-5

25X1

51057

S E C R E T NOFORN 272147Z

[redacted] 25X1

PRIORITY

29 APR 1963

HFS [redacted] 25X1
CS [redacted] 25X1

THE FOLLOWING INFORMATION REPRESENTS CONTINUED PRELIMINARY INTERPRETATION OF AERIAL PHOTOGRAPHIC MATERIALS [redacted]

[redacted]

1. TWO SEARCH RADARS WITH NEW CONFIGURATIONS HAVE BEEN IDENTIFIED FROM AUGUST 1962 CHURCH DOOR PHOTOGRAPHY OF A SITE LOCATED 6.2 NAUTICAL MILES (NM) WSW OF SHEN-YANG (MUKDEN), CHINA, AND 2.3 NM SSW OF MUKDEN WEST AIRFIELD. GEOGRAPHIC COORDINATES FOR THE SITE ARE 4147N 12317E.

2. ONE NEW RADAR IS MOUNTED ON AN SCR-270-TYPE TRAILER WITH OUTRIGGERS AND CONSISTS OF A VERTICAL MAST APPROX 40 FT HIGH, A HORIZONTAL BOOM 50 FT LONG ATTACHED TO THE MAST AT A POINT 10 FT ABOVE GROUND LEVEL, AND A REFLECTOR CASTING A TRIANGULAR-SHAPED SHADOW.

3. THE OTHER NEW RADAR IS MOUNTED ON A POSSIBLE TRUCK VAN. IT CONSISTS OF A 40-FOOT-HIGH MAST, A 40-FOOT-LONG BOOM ATTACHED TO THE MAST AT A POINT 25 FT ABOVE GROUND LEVEL, AND A PROBABLE DIAMOND/ELLIPTICAL-SHAPED REFLECTOR MEASURING 40 FT IN LENGTH AND 15 FT IN HEIGHT. THE SAIL IS REVOLVING. NO OUTRIGGERS ARE VISIBLE ON THE VAN.

4. A THIRD RADAR, PROBABLE A YAGI ARRAY, IS LOCATED IN A SECURED AREA, 1400 FT SW OF THE TWO NEW RADARS. THIS RADAR IS REVOLVING, BUT NO DETAILS OF ITS DESIGN ARE DISCERNIBLE DUE TO POOR SHADOW DETAIL.

[redacted] 25X1 25X1

[redacted]

S E C R E T [redacted] 25X1

SECRET [redacted]

GROUP 1
Excluded from automatic downgrading and declassification 25X1

TOT: 272239Z

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